



Electrical Characteristics

Nominal Impedance: 50 ohms
 Frequency Range: DC to 1 GHz
 VSWR: 1.3:1 maximum
 Insertion Loss: 0.2 dB at 1 GHz
 Operating Voltage (rms): 500 V maximum at sea level
 Dielectric Withstand Voltage (rms): 1500 V maximum at sea level
 Contact Resistance: 3.0 milliohms maximum
 Insulation Resistance: 5000 megohms minimum

Mechanical Characteristics

Mating Cycles: 500 cycles minimum
 Interface Dimensions: Conform to MIL-C-39012

Environmental Characteristics

Temperature Range: -55 °C to +85 °C

REF.	DESCRIPTION	MATERIAL	PLATING
1	Shell	Zinc Alloy	Nickel
2	Body	P.B.T. UL94V-0	
3	Insulator	Polypropylene	
4	Ground Terminal	Copper-Clad Steel	Tin
5	Socket Contact	Phosphor	Gold
6	Mount Post	Brass	Tin > 5Microns
7	Lock Washer	Brass	Nickel
8	Hex Nut	Brass	Nickel

PCB Layout	MS	4	28 Aug 09
Complete Update	KA	3	13 Mar 08
CAD Issue	SN	2	07 Feb 02
First Issue	DH	1	06 Jan 98
DESCRIPTION OF REVISION	APPVD	ISS	DATE

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SCALE: Not To Scale
 DIMENSIONS: mm
 TOLERANCES: ± 0.2mm unless otherwise stated

DRAWN BY: S Nash
 CHECKED BY: S Nash
 APPROVED BY: M Nielsen
 DATE: 07 Feb 02

TITLE: Insulated BNC Vertical PCB Mount Jack

PART NUMBER: **VB1301**

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